

L35 ANSWER 204 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1992:102258 HCAPLUS Full-text
 DOCUMENT NUMBER: 116:102258
 TITLE: Conjugation of cyclosporin A with proteins and carbohydrates
 INVENTOR(S): Migulla, Heinz; Goetze, Marita; Alken, Rudolf
 Giesbert; Kiessig, Stephan; Trautsch-Foerster, Hans
 Guenther
 PATENT ASSIGNEE(S): Humboldt-Universitaet zu Berlin, Germany
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 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PRIORITY APPLN. INFO.: | | | DD 1990-341523 | 19900611 |

AB Conjugates of cyclosporin A with proteins or carbohydrates are prepd. by reaction of O-acetylcyclosporin A epoxide (I) with the macromol. in aqueous EtOH in the presence of carbonate buffer (pH 9.6) for use as immunogens or immunoassay reagents. Thus, I was prepared by reaction of O-acetylcyclosporin A with AcOOH, dissolved in 70% EtOH, and conjugated with bovine serum albumin as above in 80% yield. The conjugate bound monoclonal antibodies to cyclosporin A.

IT 139218-50-1P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP
(Preparation)

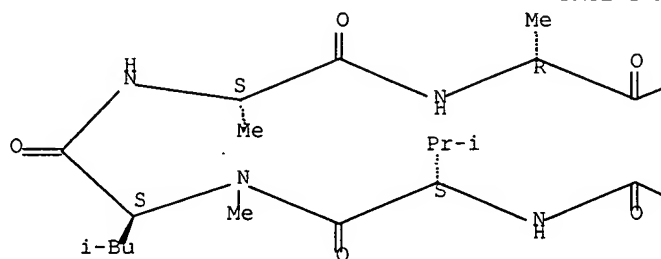
(preparation and conjugation of, with carbohydrates and proteins)

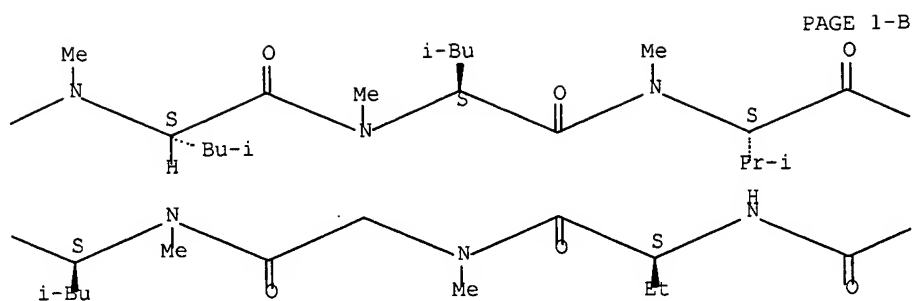
RN 139218-50-1 HCAPLUS

CN Cyclosporin A, 6-[3-(acetyloxy)-N-methyl-5-(3-methyloxiranyl)-L-leucine]-
 (9CI) (CA INDEX NAME)

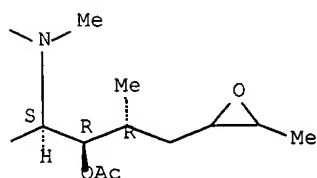
Absolute stereochemistry.

PAGE 1-A





PAGE 1-C



IT 59865-13-3DP, Cyclosporin A, conjugates with carbohydrates and proteins

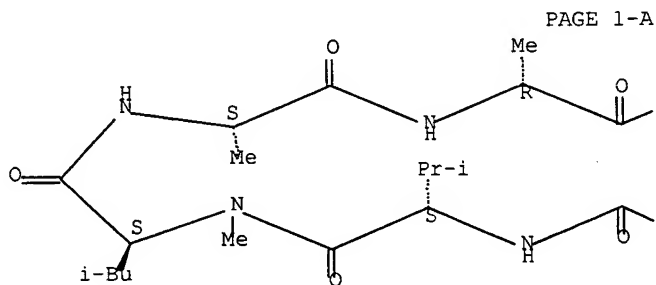
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of, for antibody formation and immunoassays)

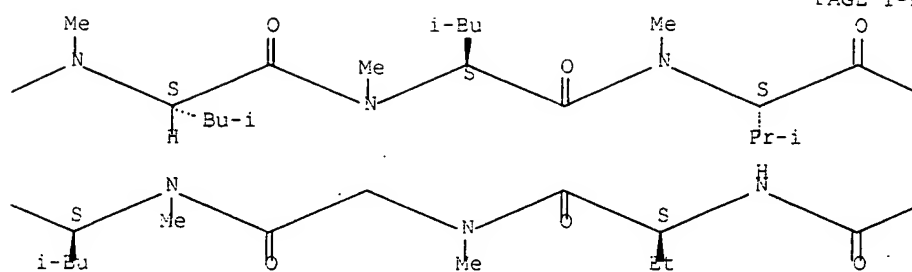
RN 59865-13-3 HCAPLUS

CN Cyclosporin A (9CI) (CA INDEX NAME)

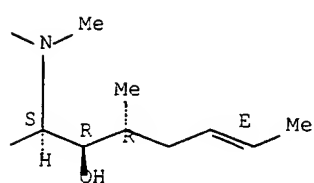
Absolute stereochemistry.
Double bond geometry as shown.



PAGE 1-B



PAGE 1-C



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